

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(495FA8) Hex(4669DB) Hex(6249A8) Hex(4C4E54) Hex(002294) Hex(000514)

	Hex(495FA8)	Hex(4669DB)	Hex(6249A8)	Hex(4C4E54)	Hex(002294)	Hex(000514)
Hex(495FA8)		Ratio: 1.23 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(4669DB)	Ratio: 1.23 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 4.17 AA 18pt ²
Hex(6249A8)	Ratio: 1.15 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(4C4E54)	Ratio: 1.38 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(002294)	Ratio: 2.10 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.61 Failed ⁵
Hex(000514)	Ratio: 3.38 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.61 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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